

ABSTRACT OF THE DISCLOSURE

An improved mat is disclosed. Long and short legs support the mat and cause it to feel resilient although it is fabricated from hard rubber. The mat has drain holes on vertical surfaces. Ribs prevent the mat from embedding within grating. Grit is selectively placed upon the mat and physically supported. Adhesive for bonding the grit is retained by retention lips. Also disclosed is a process for creating drain holes on vertical surfaces of mats by attaching a grooving tool to a robot and programming the robot to cut through molded mat channels to create the desired drain holes. An additional process uses the robot to selectively place adhesive upon the mat. An adhesive dispenser is attached to the robot and the robot is appropriately programmed.